

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1 (currently amended): A video image capturing and displaying method for a web camera,
5 comprising the steps of:

capturing a video image consisting of a time series of image frame, each image frame
comprising a plurality of sequential lines of pixels;

compressing the video image with one of at least a first compressing mode and a
second compressing mode for each basic compression unit, wherein the first compressing
10 mode and the second compressing mode have compression ratios different from each
other;

storing the compressed video image in a buffer;

decompressing the compressed video image stored in the buffer corresponding to the
compressing mode; and

15 displaying the video image based on the decompressed video image.

2 (original): The video image capturing and displaying method of claim 1, wherein the
compression ratios of the compressing modes range from 1/2 to 1/5.

20 3 (original): The video image capturing and displaying method of claim 1, wherein the
compression mode adopted in the compressing step is selected from the group consisting
of differential pulse coded modulation, wavelet compression, and discrete cosine
translation.

25 4 (original): The video image capturing and displaying method of claim 1, wherein the
basic compression unit is one sequential line of pixel.

5 (original): The video image capturing and displaying method of claim 1, wherein the

step of compressing the captured video image further comprising a mode of skipping a specific sequential line.

6 (original): The video image capturing and displaying method of claim 1, wherein the
5 step of compressing the captured video image further comprising a mode of processing a specific sequential line without compression.

7 (currently amended): A video image capturing and displaying system comprising:
an imaging module for capturing a video image consisting of a time series of image
10 frames, each image frame comprising a plurality of sequential lines of pixels;
a video image compressing module comprising at least a first compressing engine and
a second compressing engine, for compressing the captured video image, wherein the first
compressing engine and the second compressing engine have compression ratios different
from each other;
15 a buffer controller for actuating one of at least the first compressing engine and the
second compressing engine for compressing each sequential line as the basic compression
unit;
a buffer for storing the compressed video image;
a decompressing module for decompressing the compressed video image stored in the
20 buffer corresponding to the compressing engine; and
a display for displaying the decompressed video image.